

Application No. 10/597,469
Amendment dated July 12, 2010
After Final Office Action of May 10, 2010

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A suction system for a refrigeration compressor of the type which comprises

a cylinder;

a valve plate which is provided with at least two suction orifices, each selectively closed by a suction valve, and which closes a cylinder end;

a cylinder head mounted against a face of the valve plate opposite to that closing the cylinder and which defines a discharge chamber occupying part of said cylinder head and partially contouring the suction orifices; and

a suction muffler comprising a hollow body having an outlet tube projecting from within said suction muffler and outwardly to present therefrom and presenting a free end seated on the valve plate,

a wall portion separate from said cylinder head for reinforcing said cylinder head in the area of said valve plate;

said cylinder head being provided, externally to the discharge chamber, with a reinforcing wall portion,

wherein the free end of the outlet tube is provided with two tubular projections which are parallel to each other, each being coaxially aligned with and seated against a respective one of the suction orifices of the valve plate and in that the reinforcing wall portion has at least part of its extension spaced from the outlet tube and has two openings which are parallel to each

other, so that each receives a tubular projection of the outlet tube, said openings having their contour seated against the valve plate.

2. (Canceled)
3. (Previously Presented) The system as set forth in claim 2, wherein the reinforcing wall portion maintains the outlet tube seated on the valve plate.
4. (Previously Presented) The system as set forth in claim 3, wherein the reinforcing wall portion is trespassed by the outlet tube.
5. (Previously Presented) The system as set forth in claim 3, wherein the reinforcing wall portion is seated against the valve plate.
6. (Previously Presented) The system as set forth in claim 5, wherein the reinforcing wall portion occupies the area of the cylinder head external to the discharge chamber.
7. (Previously Presented) The system as set forth in claim 6, wherein the reinforcing wall portion is medianly opened so as to surround and retain the free end of the outlet tube.

8. (Previously Presented) The system as set forth in claim 1, wherein the free end of the outlet tube is fitted into an interior of at least part of an extension of a respective suction orifice in the valve plate.

9. (Canceled)

10. (Canceled)

11. (Previously Presented) The system as set forth in claim 1, comprising a fixation element constantly forcing the cylinder head against the valve plate.